#### SFTY-2A 100% STATE

CODE	[	SUMMARY	OF QUANTITIES	************	
20200100   EARTH EXCAVATION		CODE #	PAY ITEM	UNITS	TOTAL
20200100   EARTH EXCAVATION		20100210	TREE REMOVAL (OVER 15 LINITS DIAMETER)	UNIT	39
20400800   FURNISHED EXCAVATION   CU YD   221				1	
25000200 SEEDING, CLASS 2 25000400 NITROSEN FERTILIZER NUTRIENT POUND 27 25000500 PHOSPHORUS FERTILIZER NUTRIENT POUND 27 25000500 PHOSPHORUS FERTILIZER NUTRIENT POUND 27 25000500 POTASSIUM FERTILIZER RUTRIENT POUND 27 25000500 POTASSIUM FERTILIZER RUTRIENT POUND 27 25000700 AGRICULTURAL GROUND LINESTONE TON 0.6 28000300 TEMPORARY DITCH CHECKS EACH 7 35101800 AGGREGATE BASE COURSE, TYPE B 6" SO YO 1710 40600100 BITUMINOUS MATERIALS (PRIME COAT) GALLON 641 40600300 AGGREGATE PRIME COAT) TON 5 40600310 HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NTO TON 154 44000169 HOT-MIX ASPHALT SURFACE REMOVAL, 5" SO YO 1638 44002220 HOT-MIX ASPHALT SURFACE REMOVAL, 5" SO YO 31 4202220 HOT-MIX ASPHALT SURFACE REMOVAL, 5" SO YO 31 50700105 TRUCTURE EXCAVATION CU YO 24 ★ 50700105 TRUCTURE EXCAVATION CU YO 24 ★ 50700105 TRUCTURE EXCAVATION CU YO 24 51202305 ORIVING PILES FOOT 48 51202305 ORIVING PILES 5000006 CONCRETE HEADWALLS FOR PIPE UNDERDRAINS 60100600 CONCRETE HEADWALLS FOR PIPE UNDERDRAINS 60100600 PIPE UNDERDRAINS 4" FACH 1 7010830 TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21 TO102620 TRAFFIC CONTROL AND PROTECTION STANDARD B				1	
25000400   NITROGEN FERTILIZER NUTRIENT					
25000500   PHOSPHORUS FERTILIZER NUTRIENT				1	
25000500   POTASSIUM FERTILIZER NUTRIENT				POUND	27
25000700   AGRICULTURAL GROUND LIMESTONE   TON   0.6				POUND	
28000300         TEMPORARY DITCH CHECKS         EACH         7           35101800         AGGREGATE BASE COURSE, TYPE B 6"         SQ YD         1710           40600100         BITUMINOUS MATERIALS (PRIME COAT)         TON         64           40603315         HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NTO         TON         154           4000169         HOT-MIX ASPHALT SURFACE REMOVAL, 5"         SQ YD         1638           44002220         HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"         SQ YD         31           5020100         STRUCTURE EXCAVATION         CU YD         24           ★ 50700105         TREATED TIMBER         POUND         1595           50700305         HARDWARE         POUND         1595           51201400         FURNISHING STEEL PILES HP 10X42         FOOT         48           51202305         DRIVING PILES         FOOT         48           60100600         CONCRETE HEADWALLS FOR PIPE UNDERDRAINS         EACH         1           60107600         PIPE UNDERDRAINS 4"         FOOT         850           67100100         MOBILIZATION         L SUM         1           70101830         TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21         L SUM         1           70102620				TON	0.6
40600100   BITUMINOUS MATERIALS (PRIME COAT)   TON   5   40603300   AGGREGATE (PRIME COAT)   TON   5   5   40603315   HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NTO   TON   154   4000169   HOT-MIX ASPHALT SURFACE REMOVAL, 5"   S0 YD   1638   44002220   HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"   S0 YD   31   44212899   PAVEMENT PATCHING (FULL DEPTH)   S0 YD   31   50200100   STRUCTURE EXCAVATION   CU YD   24   Excavation   CU YD   24   Excavation   CU YD   24   Excavation   Cu YD   24   Excavation   Excava				EACH	7
4060300   AGGREGATE (PRIME COAT)   TON   5		35101800	AGGREGATE BASE COURSE, TYPE B 6"	SQ YD	1710
40603315   HOT-MIX ASPHALT SURFACE COURSE, MIX "C", NTO   TON   154		40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	641
44000169   HOT-MIX ASPHALT SURFACE REMOVAL, 5"   SO YD   1638     44002220   HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"   SO YD   31     44212899   PAVEMENT PATCHING (FULL DEPTH)   SO YD   31     50200100   STRUCTURE EXCAVATION   CU YD   24		40600300	AGGREGATE (PRIME COAT)	TON	5
44002220 HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5" SO YD 31		40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	154
44212899   PAVEMENT PATCHING (FULL DEPTH)   SQ YD   31		44000169	HOT-MIX ASPHALT SURFACE REMOVAL, 5"	SQ YD	1638
SOZOO100   STRUCTURE EXCAVATION   CU YD   24		44002220	HOT-MIX ASPHALT REMOVAL OVER PATCHES, 5"	SQ YD	31
SOTO0105   TREATED TIMBER   F.B.M.   22433		44212899	PAVEMENT PATCHING (FULL DEPTH)	SQ YD	31
SOT00305   HARDWARE		50200100	STRUCTURE EXCAVATION	CU YD	24
51201400   FURNISHING STEEL PILES HP 10X42   FOOT   48     51202305   DRIVING PILES   FOOT   48     60100060   CONCRETE HEADWALLS FOR PIPE UNDERDRAINS   EACH   1     60107600   PIPE UNDERDRAINS 4"   FOOT   850     63301100   REMOVE   AND RE-ERECT   OF EXISTING STEELPLATE BEAM GUARD RAIL, SINGLE RAIL   FOOT   233     67100100   MOBILIZATION   L SUM   1     70101830   TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21   L SUM   1     70102620   TRAFFIC CONTROL AND PROTECTION, STANDARD 701501   L SUM   1     X0325940   BRIDGE DECK REMOVAL   EACH   T     Z0007000   BRIDGE RAIL   FOOT   52     X09301424   SILICONE JOINT SEALER   FOOT   52     X0925941   ACCESS LADDER   EACH   1     X0325942   CONCRETE LANDING SLAB   SO FT   25     X0925943   RUNNER REMOVAL   SO FT   723     44000300   CURB REMOVAL   FOOT   241     50104000   BRIDGE RAIL REMOVAL   SO FT   504     X03259445   BACKWALL AND WINGWALL REMOVAL   SO FT   196     X03259445   BACKWALL AND WINGWALL REMOVAL   SO FT   196     X03259445   BACKWALL AND WINGWALL REMOVAL   SO FT   196     X0325945   BACKWALL AND WINGWALL REMOVAL   SO FT   196     X0325945   BACKWALL AND WINGWALL REMOVAL   SO FT   196     X0325945   SO F	*	50700105	TREATED TIMBER	F.B.M.	22433
51202305   DRIVING PILES   FOOT   48		50700305	HARDWARE	POUND	1595
60100060       CONCRETE HEADWALLS FOR PIPE UNDERDRAINS       EACH       1         60107600       PIPE UNDERDRAINS 4"       FOOT       850         6330f100       REMOVE AND RE-ERECT       -GF EXISTING STEELPLATE BEAM GUARD RAIL, SINGLE RAIL       FOOT       233         67100100       MOBILIZATION       L SUM       1         70101830       TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21       L SUM       1         70102620       TRAFFIC CONTROL AND PROTECTION, STANDARD 701501       L SUM       1         X0325940       BRIDGE DECK REMOVAL       EACH       1         Z0007000       BRIDGE RAIL       FOOT       474         X0301424       SILICONE JOINT SEALER       FOOT       52         X0325941       ACCESS LADDER       EACH       1         X0325942       CONCRETE LANDING SLAB       SQ FT       25         X0325943       RUNNER REMOVAL       SQ FT       23         44000300       CURB REMOVAL       FOOT       241         50104000       BRIDGE RAIL REMOVAL       FOOT       241         X0325945       BACKWALL AND WINGWALL REMÓVAL       SQ FT       196		51201400	FURNISHING STEEL PILES HP 10X42	FOOT	48
FOOT   REMOVE   AND RE-FRECT   OF EXISTING STEELPLATE BEAM GUARD RAIL, SINGLE RAIL   FOOT   233		51202305	DRIVING PILES	FOOT	48
6330H00       REMOV€ AND RE-FRECT OF EXISTING STEELPLATE BEAM GUARD RAIL, SINGLE RAIL       FOOT 233         67100100       MOBILIZATION       L SUM 1         70101830       TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21       L SUM 1         70102620       TRAFFIC CONTROL AND PROTECTION, STANDARD 701501       L SUM 1         X03259440       BRIDGE DECK REMOVAL       EACH 1         Z0007000       BRIDGE RAIL       FOOT 474         X03014244       SILICONE JOINT SEALER       FOOT 52         X0325941       ACCESS LADDER       EACH 1         X0325942       CONCRETE LANDING SLAB       SQ FT 25         X0325943       RUNNER REMOVAL       SQ FT 723         440∞0300       CURB REMOVAL       FOOT 241         50104000       BRIDGE RAIL REMOVAL       FOOT 241         X0325944       DECK PLANK REMOVAL       SQ FT 504         X0325945       BACKWALL AND WINGWALL REMÓVAL       SQ FT 196		60100060	CONCRETE HEADWALLS FOR PIPE UNDERDRAINS	EACH	1
67100100       MOBILIZATION       L SUM 1         70101830       TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21       L SUM 1         70102620       TRAFFIC CONTROL AND PROTECTION, STANDARD 701501       L SUM 1         80325949       BRIDGE DECK REMOVAL       EACH 1         20007000       BRIDGE RAIL       FOOT 474         80301424       SILICONE JOINT SEALER       FOOT 52         80325941       ACCESS LADDER       EACH 1         80325942       CONCRETE LANDING SLAB       SQ FT 25         80325943       RUNNER REMOVAL       SQ FT 723         80400300       CURB REMOVAL       FOOT 241         50104000       BRIDGE RAIL REMOVAL       FOOT 241         80325944       DECK PLANK REMOVAL       SQ FT 504         80325945       BACKWALL AND WINGWALL REMÓVAL       SQ FT 196		60107600	PIPE UNDERDRAINS 4"	FOOT	850
70101830       TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21       L SUM 1         70102620       TRAFFIC CONTROL AND PROTECTION, STANDARD 701501       L SUM 1         X03259440       BRIDGE DECK REMOVAL       EACH 1         Z0007000       BRIDGE RAIL       FOOT 474         X03014244       SILICONE JOINT SEALER       FOOT 52         X0325941       ACCESS LADDER       EACH 1         X0325942       CONCRETE LANDING SLAB       SQ FT 25         X0325943       RUNNER REMOVAL       SQ FT 723         44000300       CURB REMOVAL       FOOT 241         50104000       BRIDGE RAIL REMOVAL       FOOT 241         X0325944       DECK PLANK REMOVAL       SQ FT 504         X0325945       BACKWALL AND WINGWALL REMÓVAL       SQ FT 196		6330(100	REMOVE AND RE- ERECT OF EXISTING STEELPLATE BEAM GUARD RAIL, SINGLE RAIL	FOOT	233
70102620       TRAFFIC CONTROL AND PROTECTION, STANDARD 701501       L SUM 1         X0325940       BRIDGE DECK REMOVAL       EACH 1         Z0007000       BRIDGE RAIL       FOOT 474         X0301424       SILICONE JOINT SEALER       FOOT 52         X0325941       ACCESS LADDER       EACH 1         X0325942       CONCRETE LANDING SLAB       SQ FT 25         X0325943       RUNNER REMOVAL       SQ FT 723         440∞300       CURB REMOVAL       FOOT 241         50104000       BRIDGE RAIL REMOVAL       FOOT 241         X0325944       DECK PLANK REMOVAL       SQ FT 504         X0325945       BACKWALL AND WINGWALL REMÓVAL       SQ FT 196		67100100	MOBILIZATION	L SUM	11
X0325940         BRIDGE DECK REMOVAL         EACH         1           Z0007000         BRIDGE RAIL         FOOT         474           X0301424         SILICONE JOINT SEALER         FOOT         52           X0325941         ACCESS LADDER         EACH         1           X0325942         CONCRETE LANDING SLAB         SQ FT         25           X0325943         RUNNER REMOVAL         SQ FT         723           440∞0300         CURB REMOVAL         FOOT         241           50104000         BRIDGE RAIL REMOVAL         FOOT         241           X0325944         DECK PLANK REMOVAL         SQ FT         504           X0325945         BACKWALL AND WINGWALL REMOVAL         SQ FT         196		70101830	TRAFFIC CONTROL AND PROTECTION, STANDARD BLR 21	L SUM	11
Z0007000         BRIDGE RAIL         FOOT         474           X0301424         SILICONE JOINT SEALER         FOOT         52           X0325941         ACCESS LADDER         EACH         1           X0325942         CONCRETE LANDING SLAB         SQ FT         25           X0325943         RUNNER REMOVAL         SQ FT         723           44000300         CURB REMOVAL         FOOT         241           50104000         BRIDGE RAIL REMOVAL         FOOT         241           X0325944         DECK PLANK REMOVAL         SQ FT         504           X0325945         BACKWALL AND WINGWALL REMOVAL         SQ FT         196		70102620	TRAFFIC CONTROL AND PROTECTION, STANDARD 701501	L SUM	11
X0301424       SILICONE JOINT SEALER       FOOT       52         X0325941       ACCESS LADDER       EACH       1         X0325942       CONCRETE LANDING SLAB       SQ FT       25         X0325943       RUNNER REMOVAL       SQ FT       723         44000300       CURB REMOVAL       FOOT       241         50104000       BRIDGE RAIL REMOVAL       FOOT       241         X0325944       DECK PLANK REMOVAL       SQ FT       504         X0325945       BACKWALL AND WINGWALL REMOVAL       SQ FT       196		20325940	BRIDGE DECK REMOVAL	EACH	11
X0325941       ACCESS LADDER       EACH 1         X0325942       CONCRETE LANDING SLAB       SQ FT 25         X0325943       RUNNER REMOVAL       SQ FT 723         44000300       CURB REMOVAL       FOOT 241         50104000       BRIDGE RAIL REMOVAL       FOOT 241         X0325944       DECK PLANK REMOVAL       SQ FT 504         X0325945       BACKWALL AND WINGWALL REMOVAL       SQ FT 196					
X0325942       CONCRETE LANDING SLAB       SQ FT 25         X0325943       RUNNER REMOVAL       SQ FT 723         44∞0300       CURB REMOVAL       FOOT 241         50104000       BRIDGE RAIL REMOVAL       FOOT 241         X0325944       DECK PLANK REMOVAL       SQ FT 504         X0325945       BACKWALL AND WINGWALL REMOVAL       SQ FT 196					
X0325943         RUNNER REMOVAL         SQ FT 723           44000300         CURB REMOVAL         F00T 241           50104000         BRIDGE RAIL REMOVAL         F00T 241           X0325944         DECK PLANK REMOVAL         SQ FT 504           X0325945         BACKWALL AND WINGWALL REMOVAL         SQ FT 196		X0325941	ACCESS LADDER		
440∞0300         CURB REMOVAL         FOOT         241           50104000         BRIDGE RAIL REMOVAL         FOOT         241           X0325944         DECK PLANK REMOVAL         SQ FT         504           X0325945         BACKWALL AND WINGWALL REMOVAL         SQ FT         196		X0325942	CONCRETE LANDING SLAB	1	
50/04000         BRIDGE RAIL REMOVAL         FOOT         241           X0325944         DECK PLANK REMOVAL         SQ FT         504           X0325945         BACKWALL AND WINGWALL REMOVAL         SQ FT         196					
X0325944         DECK PLANK REMOVAL         SQ FT 504           X0325945         BACKWALL AND WINGWALL REMOVAL         SQ FT 196				1	<u> </u>
X0325945 BACKWALL AND WINGWALL REMOVAL SQ FT 196					1
				<del> </del>	
X032594G CLEANING DECK SU F1 1297					<del> </del>
		X0325946	CLEANING DECK	SQ FI	1291
				<del> </del>	<b></b>
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				1	<b></b>
				<b> </b>	<b> </b>

\* SPECIALTY ITEMS

#### LIST OF STANDARDS

280001-04

601001-02

601101

701501-04 701901

B.L.R. 21-7

## MIXES AND APPLICATION RATE TABLES

PRIME APPLICATION RATES			
BIT	AGGREGATE		
MATLS	PRIME		
PR CT	COAT		
0.375 GAL/	5.0 LB/		
SQ YD	SQ YD		

# INDEX OF SHEETS

SHEET NO.	SHEET TITLE
1	COVER SHEET
2	INDEX OF SHEETS, LIST OF STANDARDS, GENERAL NOTES, AND SUMMARY OF QUANTITIES
3	TYPICAL SECTIONS AND OVERALL LAYOUT
4	SCHEDULE OF QUANTITIES
5	PLAN/PROFILE SHEET
6-7	CROSS SECTIONS
8	DETAILS AND EROSOIN CONTROL PLAN
9	GENERAL PLAN AND ELEVATION, THUNDER BRIDGE
10	SUPERSTRUCTURE DETAILS, THUNDER BRIDGE
11	SUBSTRUCTURE DETAILS, THUNDER BRIDGE
12	GENERAL PLAN AND ELEVATION, SPILLWAY BRIDGE
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15	SUPERSTRUCTURE DETAILS, BIOSTATION BRIDGE

### GENERAL NOTES

- ALL ELEVATIONS ARE REFERENCED TO ELEVATIONS ESTABLISHED BY VASCONCELLES ENGINEERING CORP.
- 2) WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED. THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKERS AND MONUMENTS UNTIL THE OWNER AND AUTHORIZED SURVEYOR OR AGENT HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. IF THE ENGINEER DECIDES TO HAVE THE CONTRACTOR RESET THE MONUMENT, THIS WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.
- 3) THE CONTRACTOR SHALL CONTACT J.J.L.I.E. PRIOR TO ANY EXCAVATION TO HAVE ALL PUBLIC AND PRIVATE UTILITIES LOCATED.
- 4) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY
  PROPERTY FROM CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE
  107.26 OF THE STANDARD SPECIFICATIONS. THE J.U.I.I.E. NUMBER IS
  (800) 892-0123. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED.
  SEE SPECIAL PROVISIONS FOR STATUS OF UTILITIES, WITH UTILITY COMPANIES
  LISTED.
- 5) ANY REFERENCE TO THE STANDARDS THROUGHOUT THE PLANS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE DEPARTMENT AS INCLUDED IN THE PLANS.
- 6) ALL DETAILS IN THE PLANS SHALL GOVERN CONSTRUCTION OF THIS PROJECT, AND IN CASE OF CONFLICT WITH ANY STANDARD DRAWINGS INCLUDED, THE SAID DETAILS SHALL TAKE PRECEDENCE AND GOVERN.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, LIST OF STANDARDS, GENERAL NOTES, &
SUMMARY OF QUANTITIES
STEPHEN FORBES STATE PARK
SCALE: SHEET NO. 2 OF 15 SHEETS STA. TO STA.

NEERING CORP, DESIGN FIRM REGISTRATION NUMBER

1 -1 1, 250-061-E VASCON